

Testimony for House Energy Policy Committee Hearing
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Thank you Representatives for the opportunity to provide public comments/testimony with regard to the 5G Wireless Infrastructure bills here in Michigan. More specifically, I am referring to SB 637 and SB 894 and I am asking you to **OPPOSE THESE BILLS**.

These 2 Bills are clearly **NOT READY FOR A VOTE**, for several reasons:

- **LOCAL MUNICIPALITIES BEING BLINDSIGHTED BY THESE LEGISLATIVE PROPOSALS:**

On September 18, 2018, during the Public Comment/Business from the Floor portion of the Shelby Township Board of Trustees meeting, I brought SB 637 & SB 894 to the attention of the Board of Trustees. I also provided some bullet points of information as to the implications of these bills and how they strip away the rights and control of Shelby Township's Board of Trustees regarding matters within their township relative to the 5G infrastructure roll out. Every single Board Member had the look of "shock in their eyes" as they were not aware of these 2 bills or the implications to THEIR authority and local control.

The Township Supervisor, Rick Stathakis, along with several other Trustees asked me and another resident to stay beyond the meeting to ask questions and learn more. They expressed great concern that they were not aware of these bills, and there was hardly any time to take action in opposition, learning that this was potentially going to be voted on October, 4th. The Supervisor along with other Trustees have since reached out to Lansing representatives expressing their concerns and opposition. However, they need more time to fully understand all the implications of these bills and to strategize on the best method of opposition to this legislation.

- **TELECOM COMPANIES ARE CIRCUMVENTING THE STANDARD PROCESSES OF BRINGING NEW PRODUCTS TO THE MARKETPLACE**

5G Technology is nothing more than a product being offered by the telecom companies. **Nothing necessitates the fast tracking of legislation for a product.** This is what is happening with the 5G technology, so why the hurry? Pharmaceutical, automotive and other industries go through a full process before gaining approval for their products. They also have to prove the safety of their products and assume responsibility for the safety before they are released to the public. Why is this standard process being handled differently and not required for the telecom companies with technology that has not been proven to be safe?

- **NO STUDIES AVAILABLE PROVING THE SAFETY OF MILLIMETER WAVE RADIATION WITH LONG TERM EXPOSURE**

As with all product releases (up until now), safety **must be demonstrated by the manufacturers before releasing to the public.**

5G technology uses a frequency band ranging from 24 – 90 GHz, with 90 billion waves/second. This frequency band ranges to the equivalent as the Military's Active Denial System (ADS) which is used as a **biological weapon!** The Active Denial System is a **directed-energy weapon** developed by the **U.S. military** and is a system that inflicts damage at a target by emission of highly focused **energy**, including **laser**, **microwaves** and **particle beams**. Active Denial System was used by the U.S. in the Afghanistan war of 2010.

Given these frequencies, the short millimeter waves, and how it is currently being used in the military:

- HOW CAN THIS BE SAFE FOR HUMANS AND THE ENVIRONMENT WITH CONSTANT EXPOSURE?
- HOW CAN THIS TECHNOLOGY BE IMPLEMENTED WITHOUT ANY STUDIES PROVING IT'S SAFETY FOR LONG TERM USE?
- IF TELECOMS ARE CONVINCED THIS IS SAFE TECHNOLOGY, THEN WHY CAN'T THEY PROVE IT WITH INDEPENDENT, SCIENTIFIC STUDIES AND PUT THE PUBLIC'S MIND AT EASE?
- WHAT'S THE HURRY, WHY THE FAST-TRACK OF THIS LEGISLATION?

Based on this information, I am requesting this Committee to **oppose SB 637 & SB 894 until all of the concerns and questions above are addressed.**

I thank the Committee for your time and consideration.